

Figure 1
MPS System Diagram

Figure 2
ENDOPRO
Workstation
Main Module M1
(Prior Art)

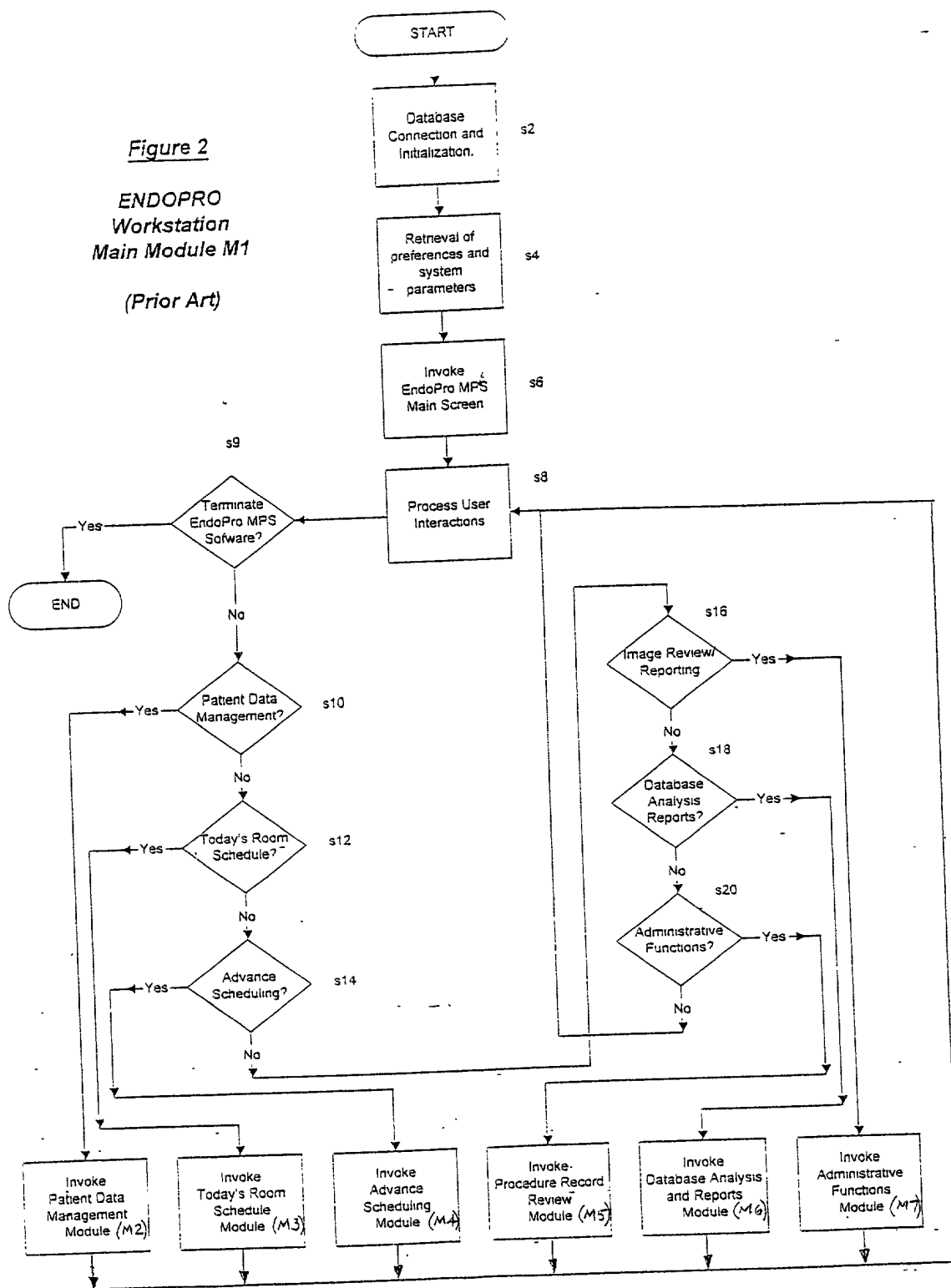
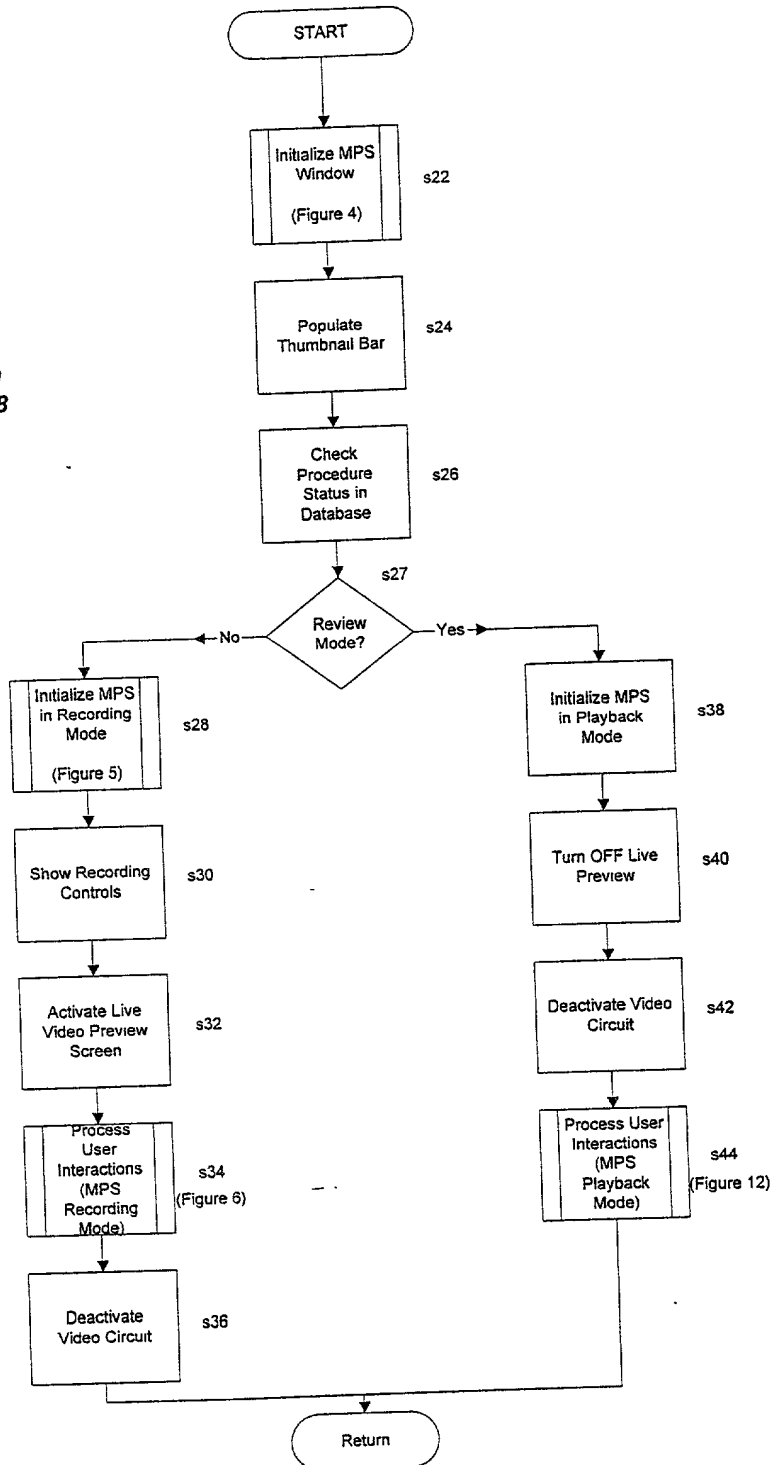


Figure 3
MPS Main
Module M8



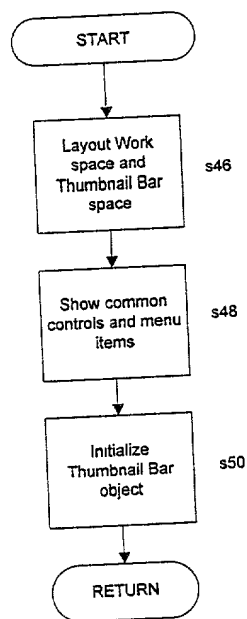
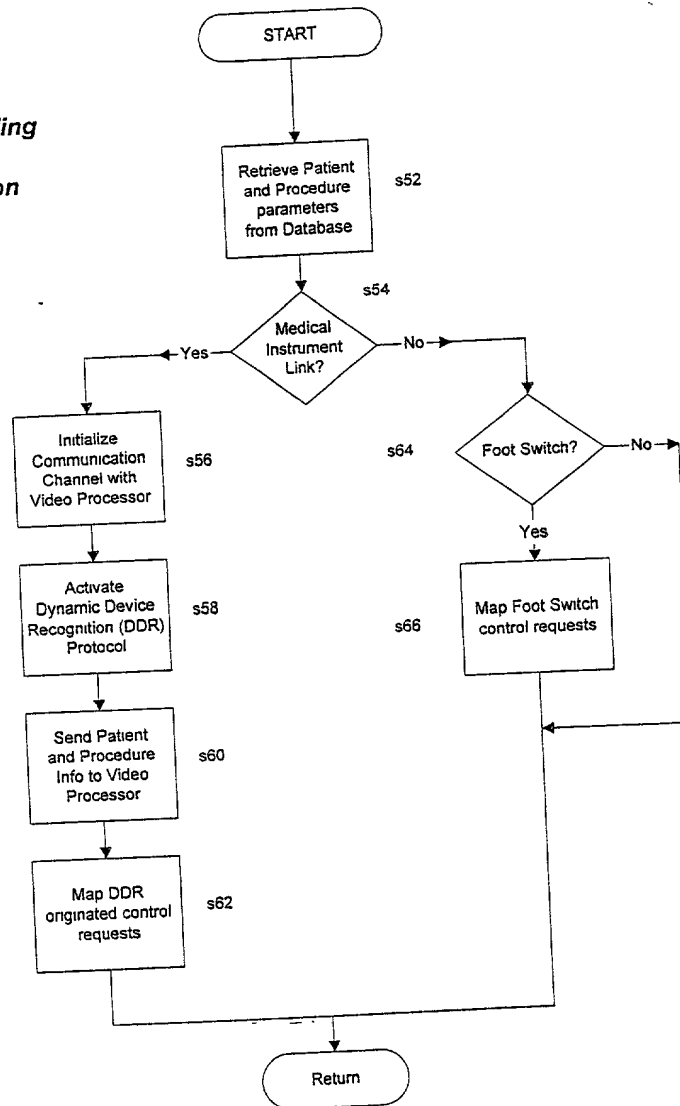


Figure 4
***Initialization of
MPS Window***

Figure 5
MPS Recording
Mode
Initialization



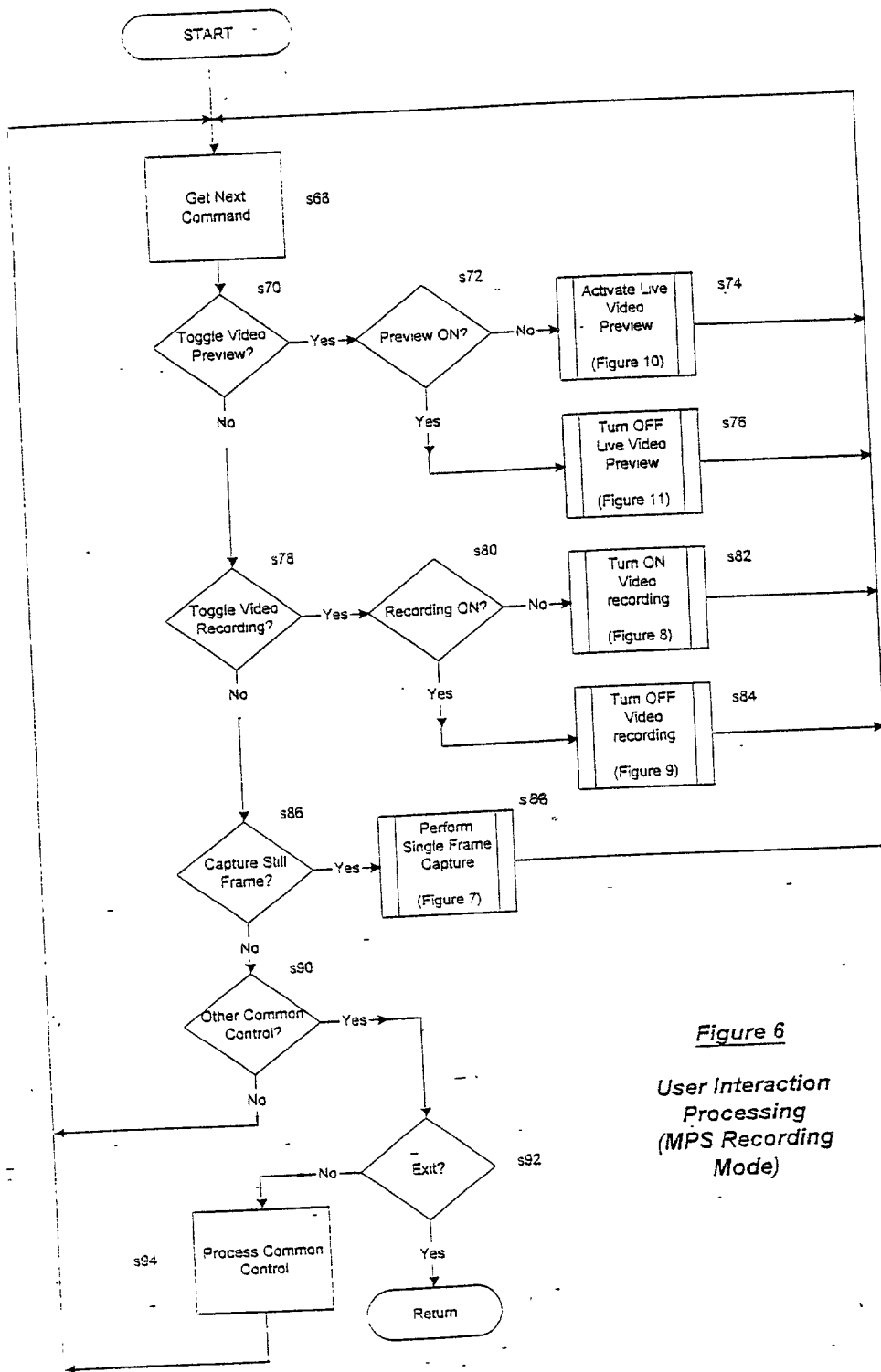
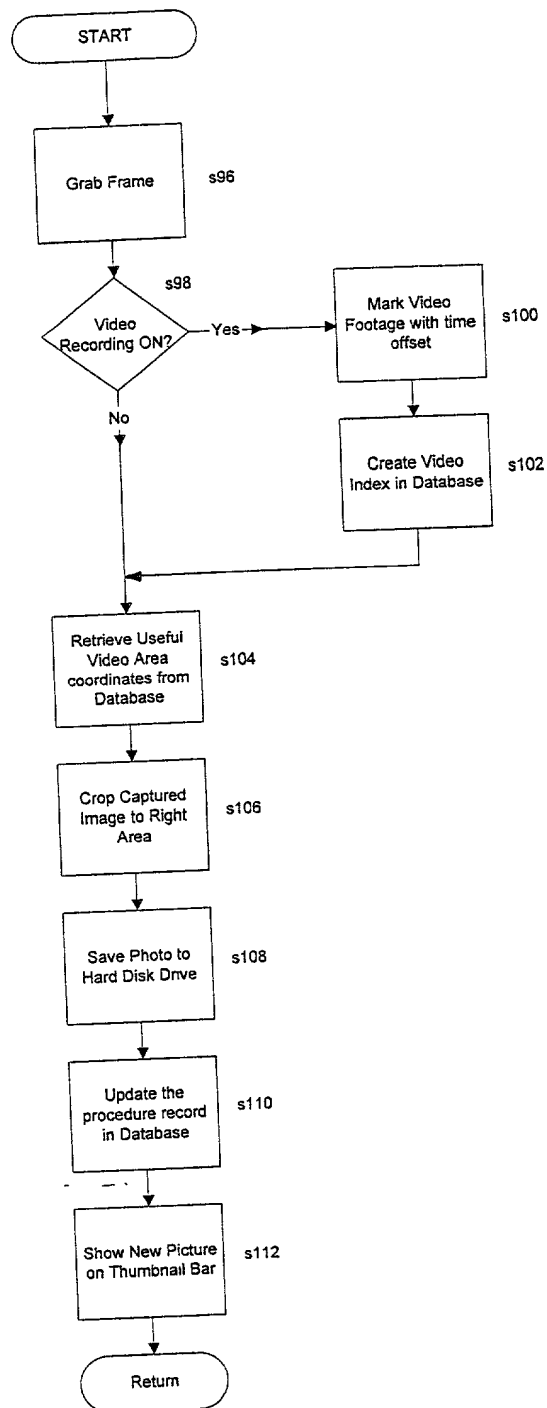


Figure 6

**User Interaction
Processing
(MPS Recording
Mode)**

Figure 7
Single Frame
Capture Process



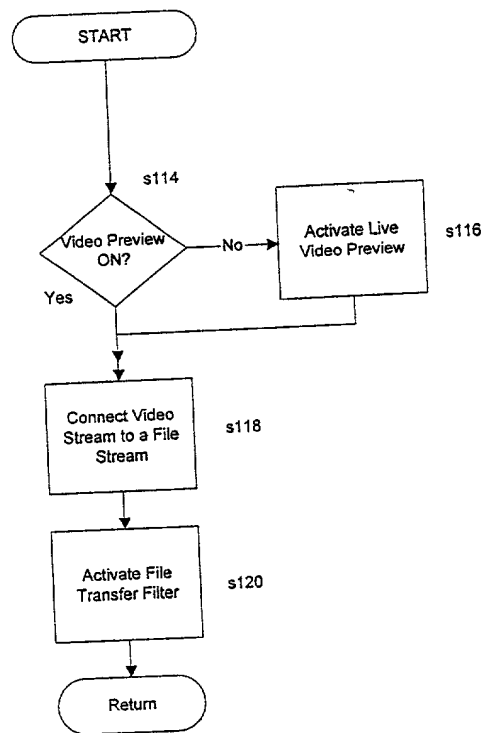


Figure 8
**Video Recording
On Process**

Figure 9
Video Recording
OFF Process

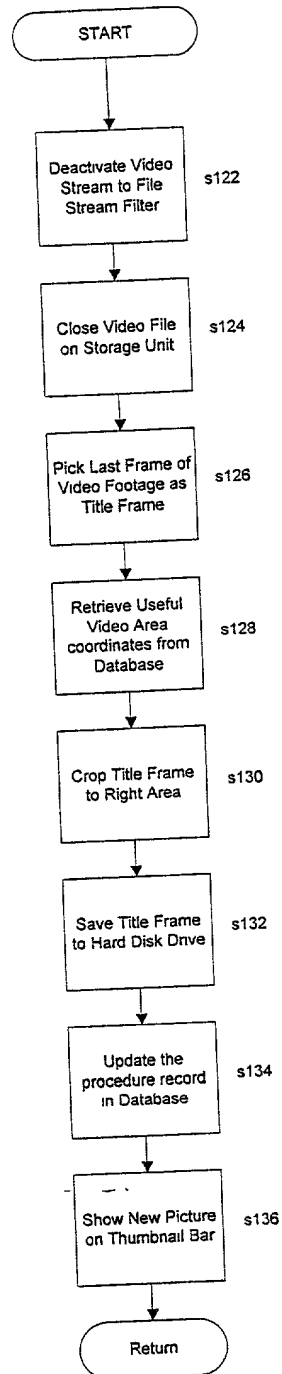


Figure 10
Live Video ON
Process

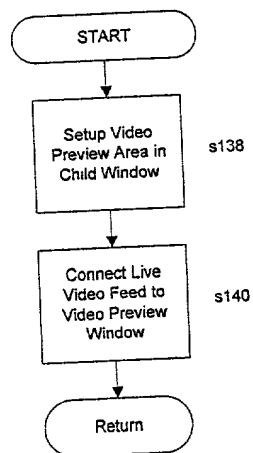
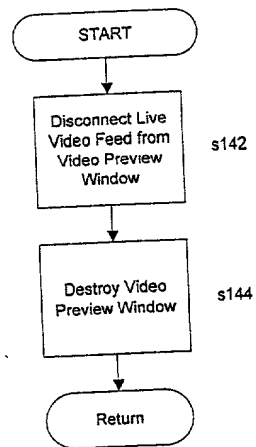


Figure 11
Live Video OFF
Process



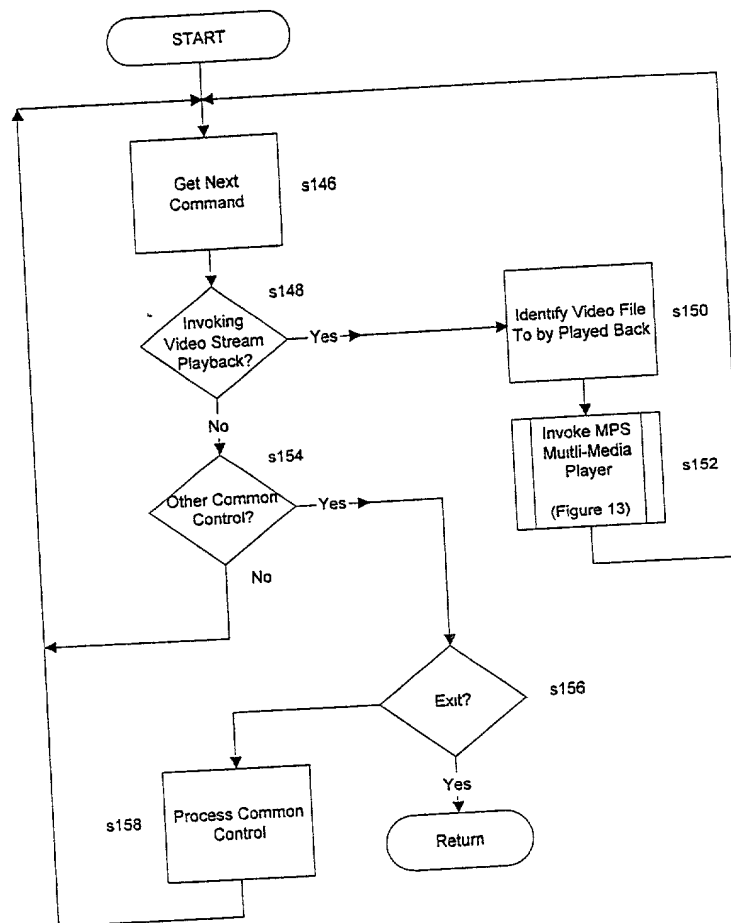
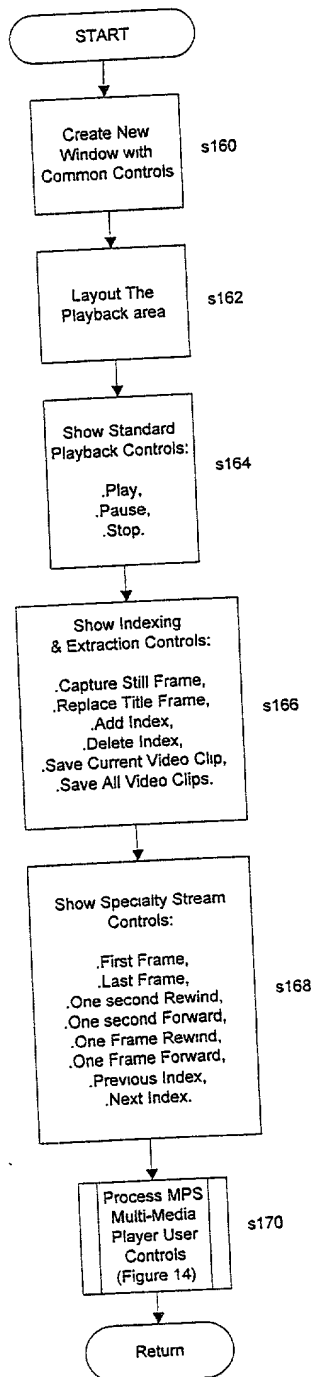


Figure 12

**User Interaction
Processing
(MPS Playback
Mode)**

Figure 13
MPS Multi-Media
Player Module
M9



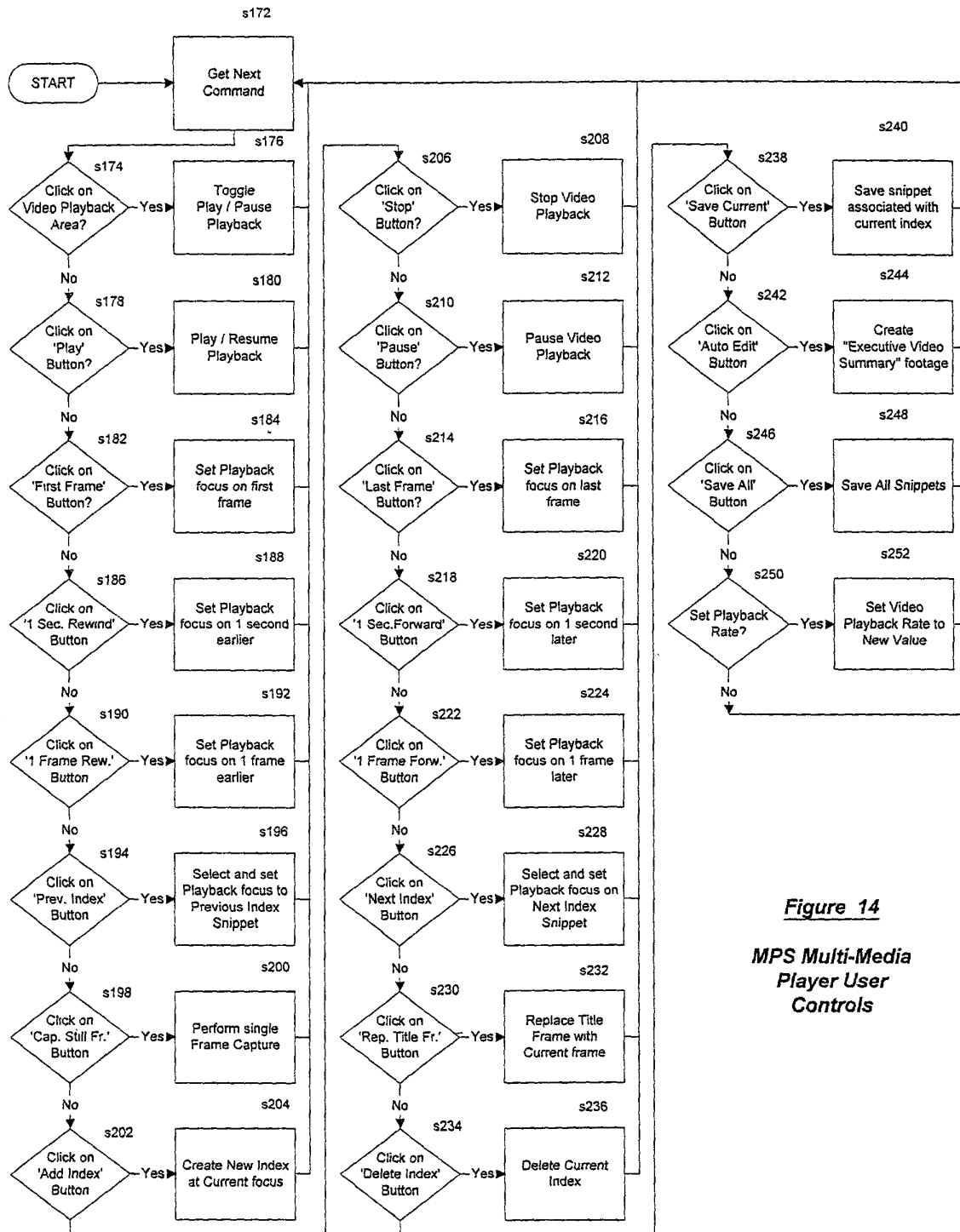


Figure 14

**MPS Multi-Media
Player User
Controls**

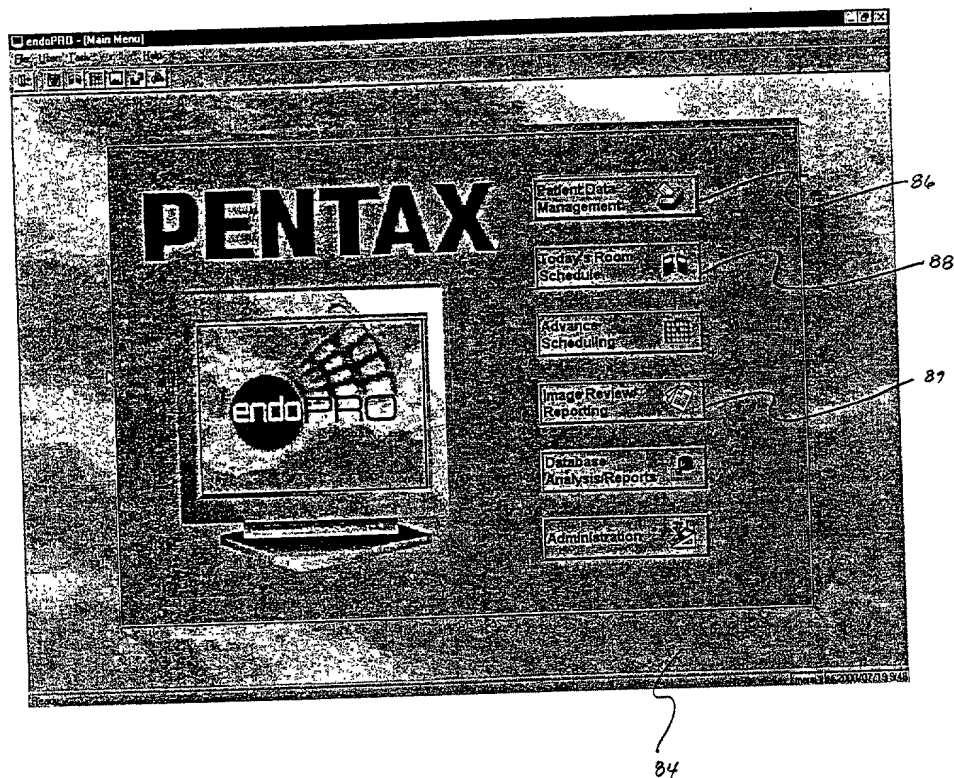


Figure 15 -ENDOPRO Main Menu (Prior Art)

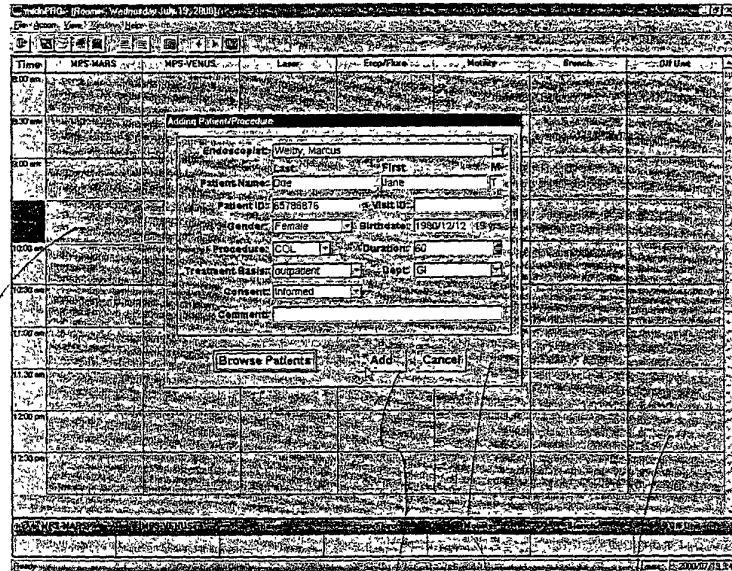


Figure 16 - Today's Room Schedule

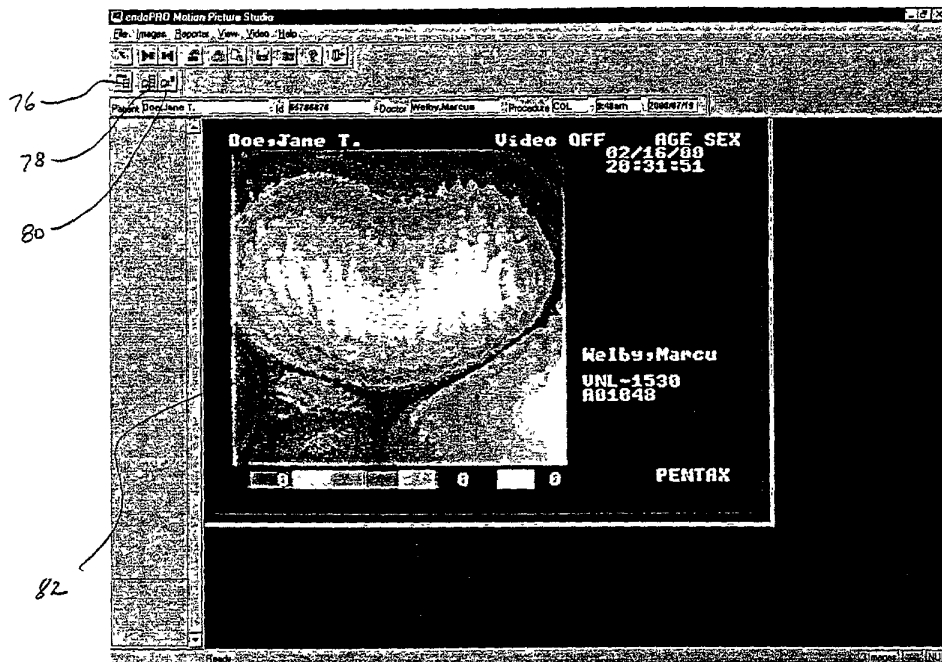


Figure 17 - MPS Main Screen

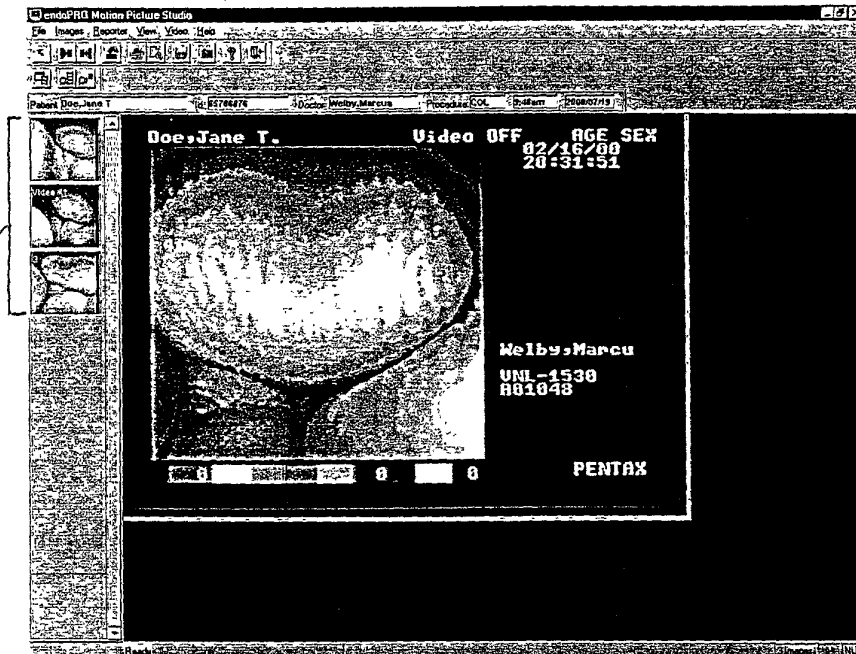


Figure 18- Thumbnail (Image) bar with captured still and video images.

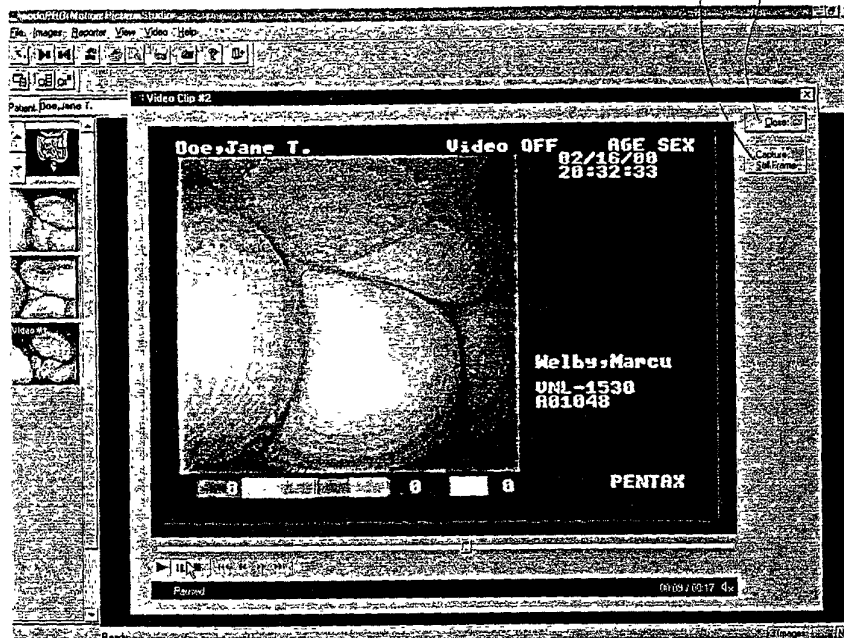


Figure 19 -Video Clip Viewer

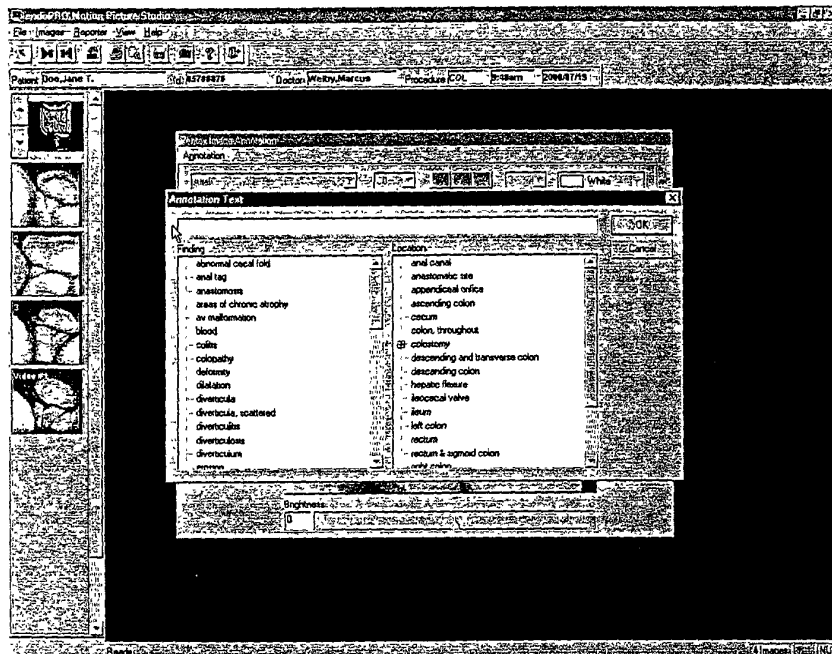


Figure 20- Annotation Text Window

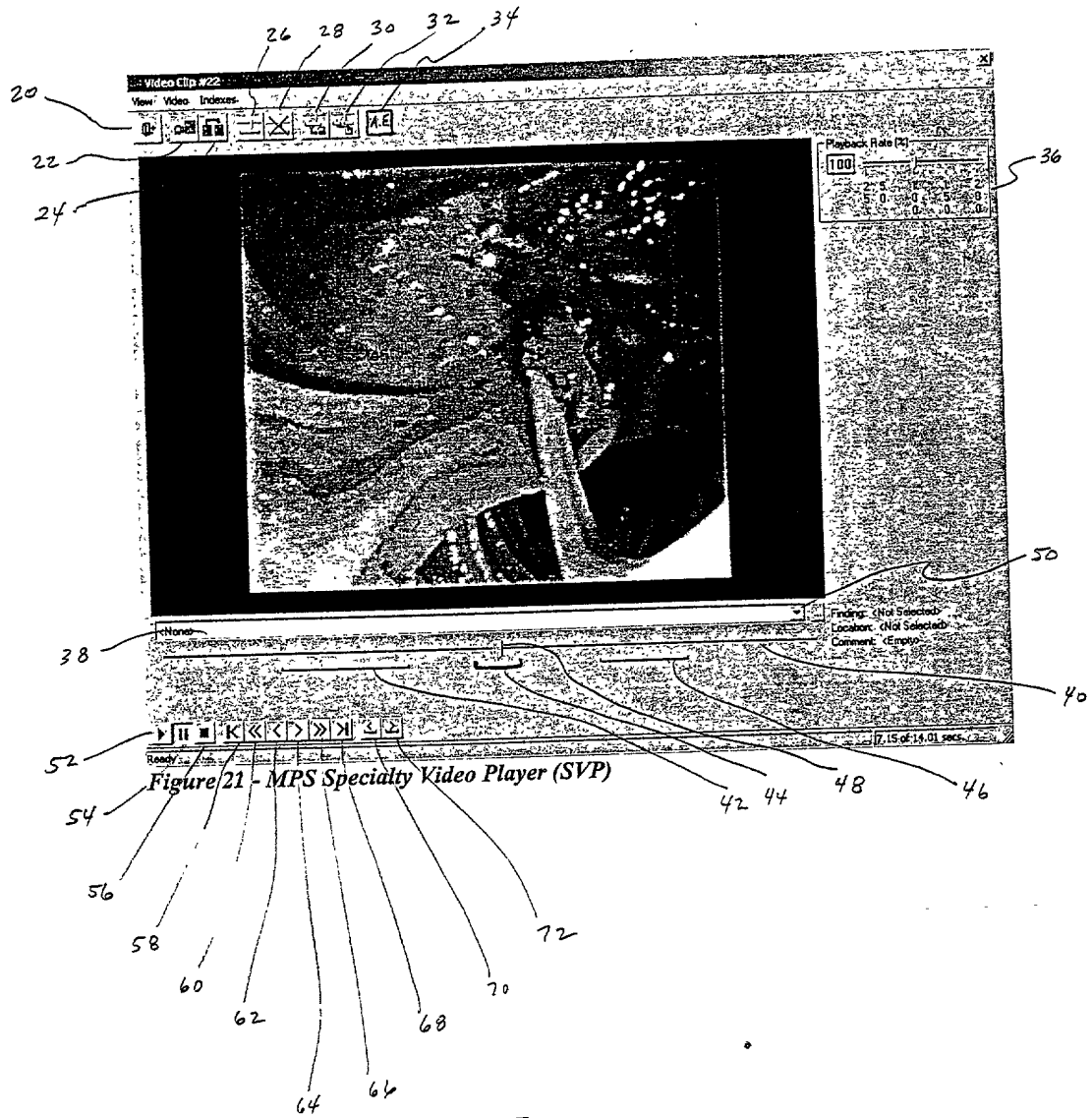


Figure 21 - MPS Specialty Video Player (SVP)

FIGURE 21

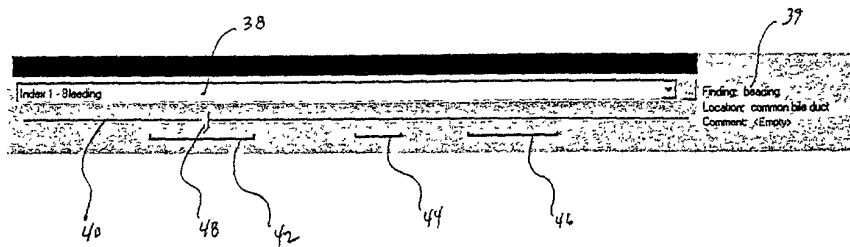


Figure 22 - Time line, slider, index zones, index selector, index data box

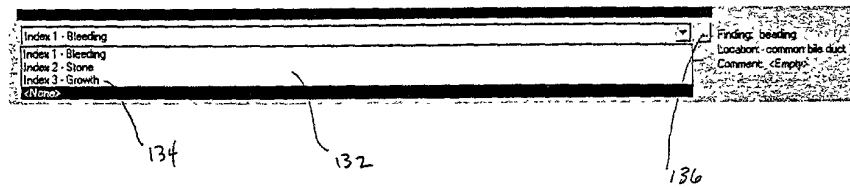


Figure 23 - Use of index selector

Edit Index List

Index 1 - Bleeding
Index 2 - Stone
Index 3 - Growth

Add
Edit
Delete

Title ☐ Use Finding and Location as Title

Index 1 - Bleeding

Finding	Location
- anastomosis	- anastomosis
- anomaly	<input checked="" type="checkbox"/> - bile duct
- beading	- common bile duct
- blood	- common hepatic duct
- blunting	- cystic duct
- calcification	- extrahepatic ducts
- cholecystectomy	- hepatic bifurcation
- choledochocoele	- intrahepatic ducts
- deformity	- left hepatic duct
- delayed emptying	- right hepatic duct
- dilatation	- total biliary tree
- diverticula	<input checked="" type="checkbox"/> - duodenum

Comments

OK Cancel

FIGURE 24 - INDEX MANAGEMENT WINDOW

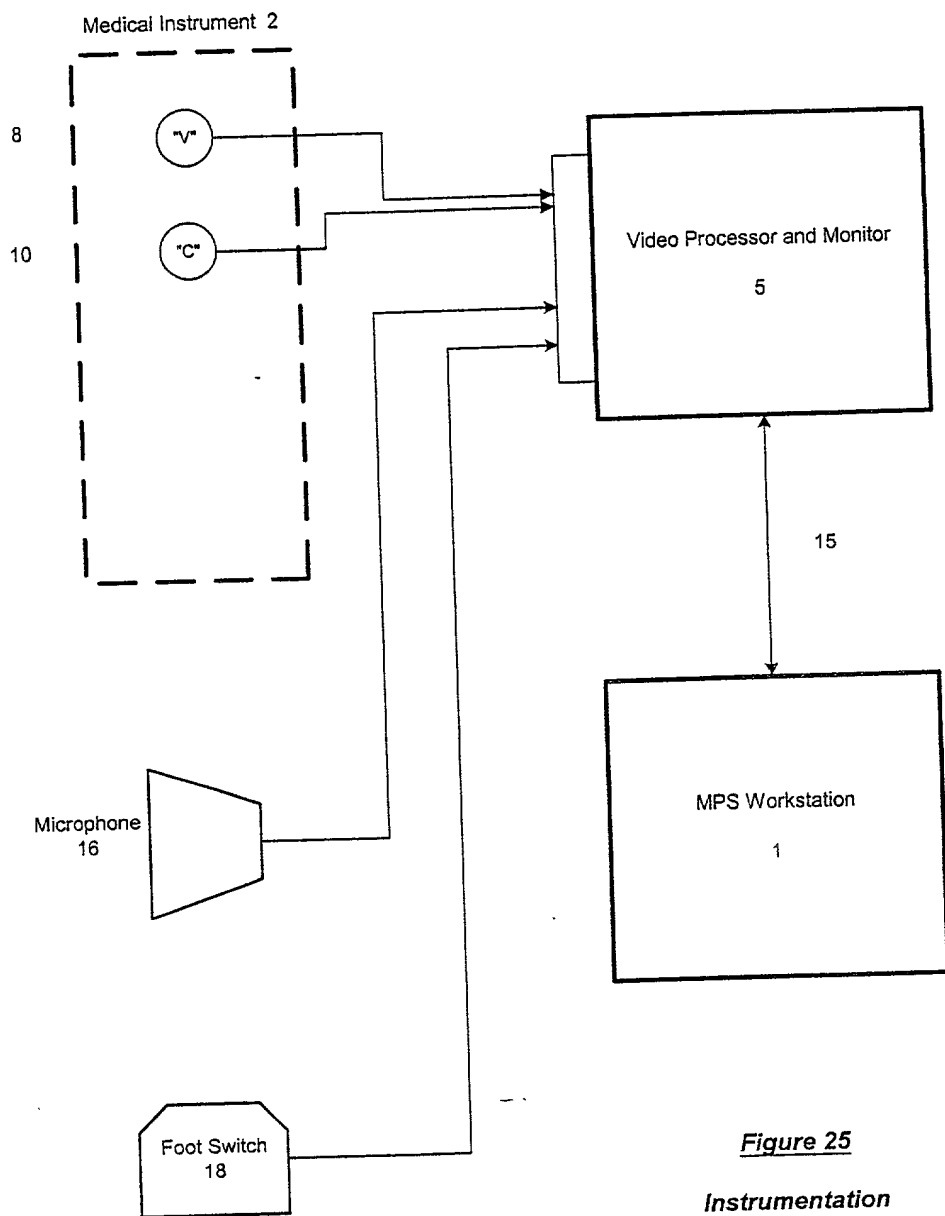


Figure 25
Instrumentation
Diagram

Packet Transmission from UDI to VCU

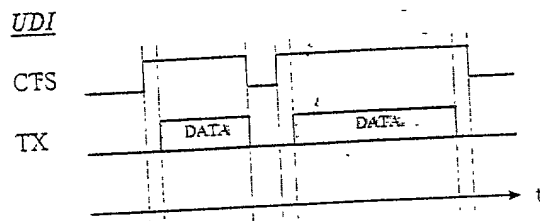


FIGURE 26(a)

Packet Transmission from VCU to UDI

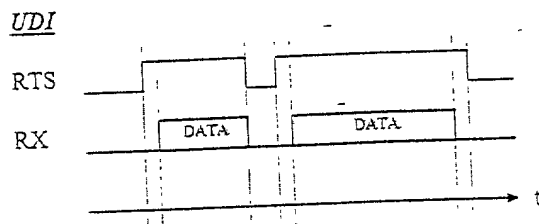


FIGURE 26(b)